

HALIFAX DRAIN

INTRODUCTION



Halifax Drain is a comprehensive range of socketless pipes and fittings in 100mm to 300mm diameters suitable for below ground drainage situations. The cast iron system provides greater resistance to ground movement than PVC or clay systems; an important consideration when building on made-up land.

A choice of ductile iron or stainless steel couplings to satisfy most designs and facilitate connection directly to our Halifax Soil above ground soil system. Typical applications include drainage pipes below public buildings, hospitals, hotels and exposed bridge drainage.

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Availability

A selection of Halifax Drain products are ex-stock but most items are factory coated to order within an agreed time scale.



Features

- Socketless pipes are available from 100mm to 300mm diameters in 3m lengths.
- Lightweight pipes and fittings for speedy installation to reduce time on site but with the inherent strength of traditional cast iron pipe systems.
- Choice of either ductile iron or stainless steel couplings to satisfy most designs require no specialist tools or equipment for installation.

Strength / Durability

- Halifax Drain pipes are highly resistant to sheer loads.
- Low risk of settlement damage.
- Where extra loading is likely other drainage materials may need additional protection in the form of a concrete surround. Less embedment means that normally cast iron requires no extra protection saving time and money.
- High resistance to distortion which reduces chances of damage when more vigorous rodding is required.

Long Life

- Correctly installed and maintained Halifax Drain systems can last in excess of 100 years.
- Long life expectancy makes cast iron the cost effective choice.
- 100% recyclable at the end of its life.

Quality

- All Halifax Drain products have been manufactured to comply with BS EN 877.
- Pipes and fittings are manufactured in grey cast iron which exceeds the requirements of BS EN 1563 Grade EN-JL 1020 ISO 185 Grade 15.
- Halifax Drain products will be supplied in accordance with CE markings requirements.
- British Board of Agrément (BBA) approval has been awarded for the Halifax system; the scope of which is as shown on Agrément Certificate No. 06/4401

Applicable standards and codes of practice

- BS EN 877-1999 – European Standard for cast iron pipework. This covers above ground soil, waste, rainwater and buried drainage systems and performance requirements in the various applications.
- ISO 6594 – International Standard for socketless drainage systems in cast iron.
- BS EN 681 / ISO4633 – Specification for elastomeric seals for joints in pipework and pipelines.
- BS EN 12056 – Code of practice for gravity drainage systems inside buildings – sanitary pipework and drainage of roofs.
- BS EN 752-1 Code of practice for drain and sewer systems.

Paint finish

The Halifax system pipes are lined internally with a two part epoxy finish which provides improved performance when exposed to high temperatures or aggressive substances. Fittings are also epoxy coated and provide a similar level of performance.

Halifax Drain pipes are finished with a two part epoxy grey coating with an average dry thickness of 170 microns. Pipes internally coated with a two part epoxy coating yellow ochre colour, average dry thickness of 130 microns and fittings with an average thickness of 150 microns.